

FIG.1

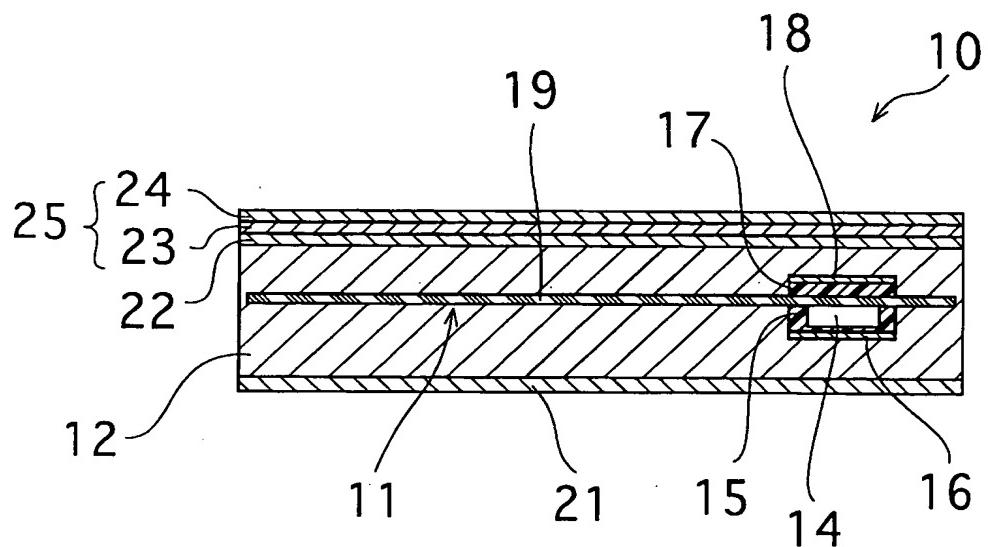


FIG.2

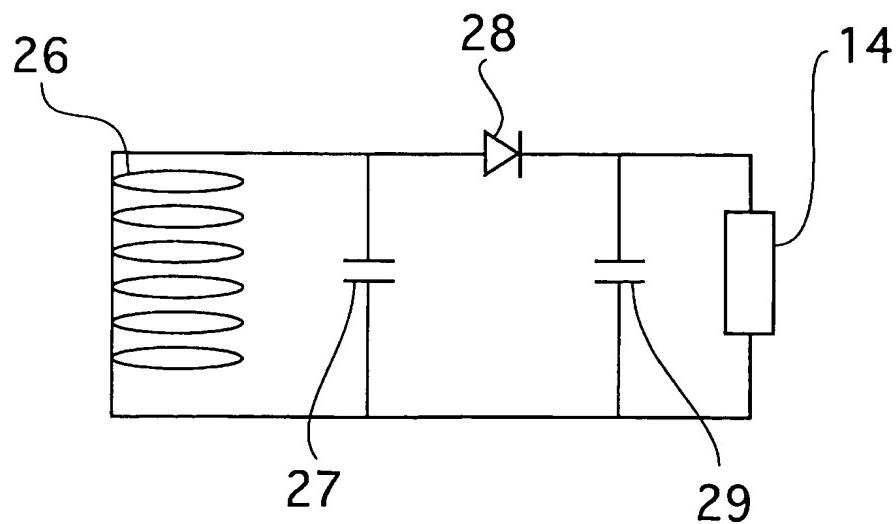


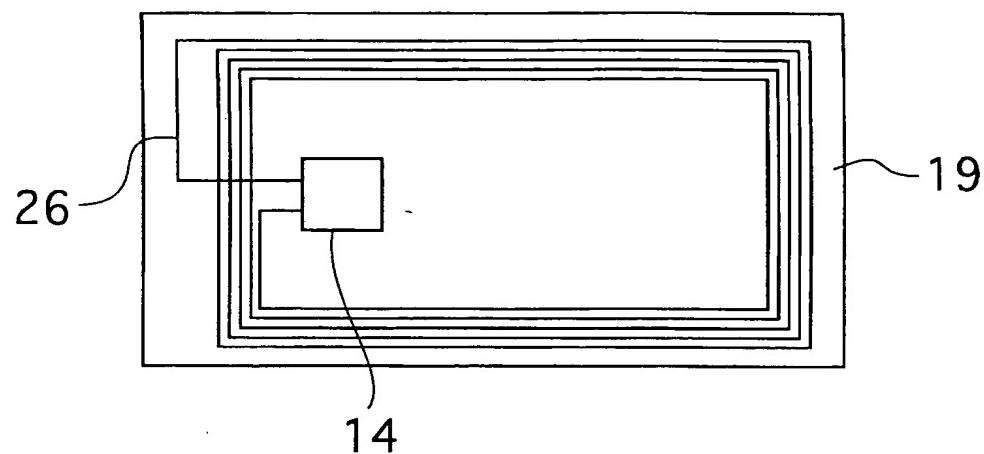
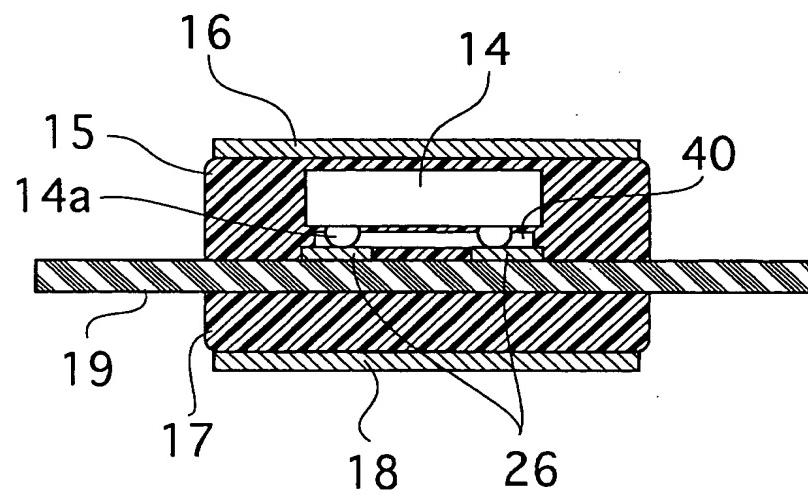
FIG.3**FIG.4**

FIG.5

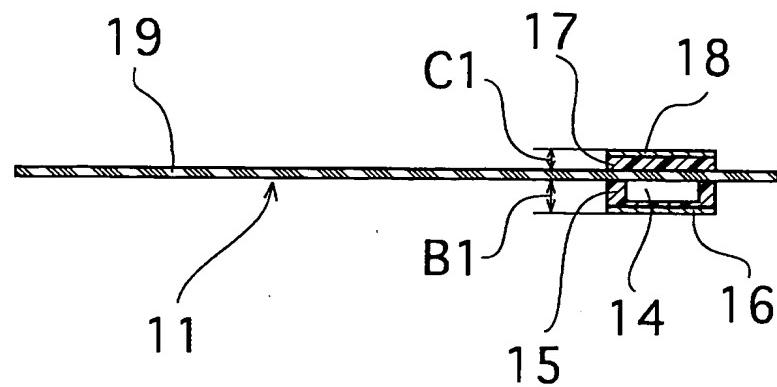


FIG.6

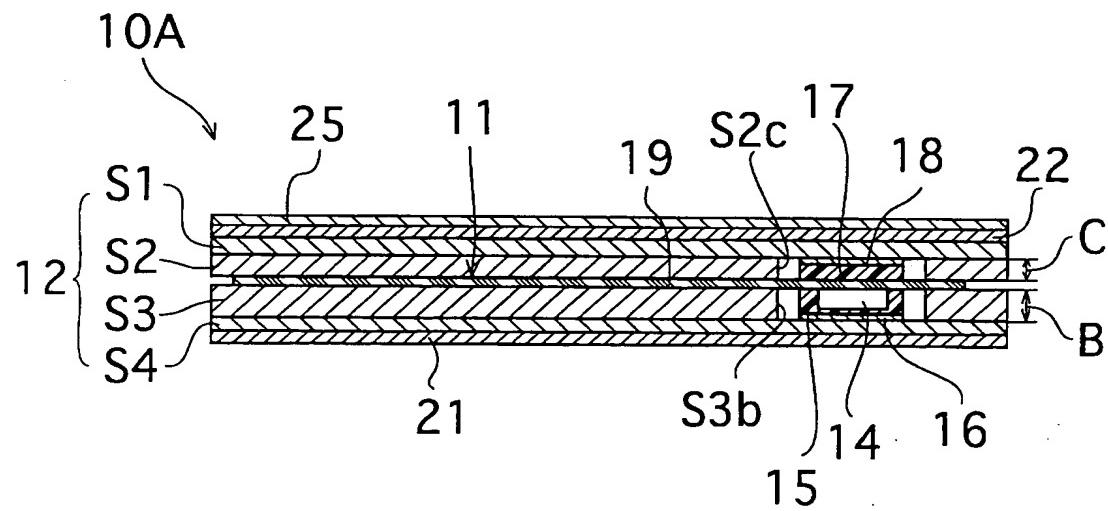


FIG.7

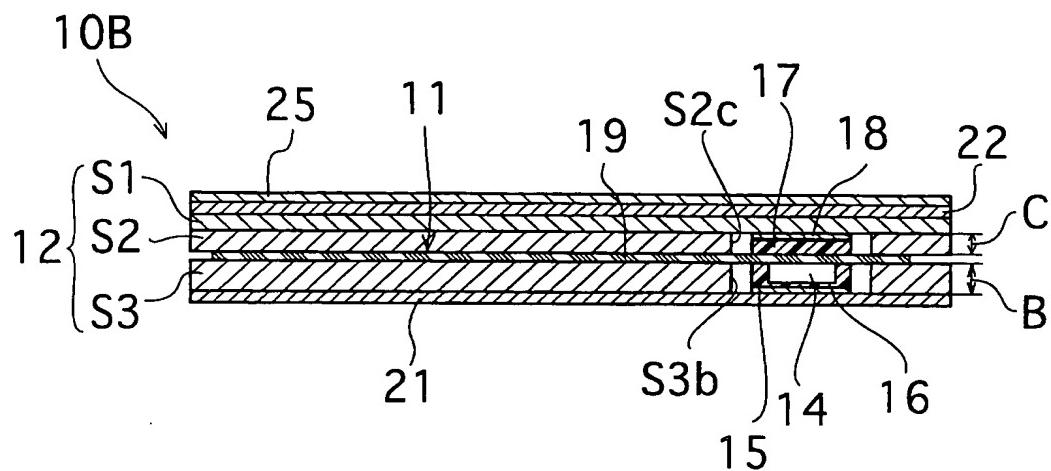


FIG.8

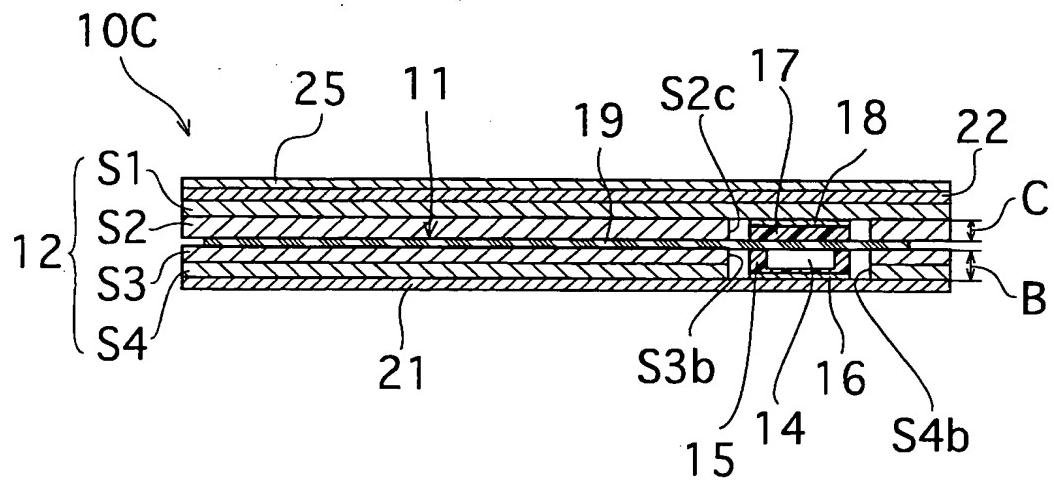


FIG.9

	Core Layer							
	Outer Core S1		Inner Core S2		Inner Core S3		Outer Core S4	
	Material	μm	Material	C(μm)	Material	B(μm)	Material	μm
Experimental Example 1	PETG	100	PETG	100[0]	PETG	290[0]	PETG	100
Experimental Example 2		100		100[0]		250[-40]		100
Experimental Example 3		100		100[0]		260[-30]		100
Experimental Example 4		100		100[0]		270[-20]		100
Experimental Example 5		100		100[0]		300[+10]		100
Experimental Example 6		100		100[0]		310[+20]		100
Experimental Example 7		100		100[0]		320[+30]		100
Experimental Example 8		100		100[0]		350[+60]		100
Experimental Example 9		100		50[-50]		290[0]		100
Experimental Example 10		100		70[-30]		290[0]		100
Experimental Example 11		100		80[-20]		290[0]		100
Experimental Example 12		100		110[+10]		290[0]		100
Experimental Example 13		100		120[+20]		290[0]		100
Experimental Example 14		100		130[+30]		290[0]		100
Experimental Example 15		100		150[+50]		290[0]		100
Experimental Example 16		100		100[0]		290[0]		100
Experimental Example 17	PETG/ PC=5/5	100	PETG/ PC=5/5	100[0]	PETG/ PC=5/5	290[0]	PETG/PC	100
Experimental Example 18		150		100[0]		250[-40]		- -
Experimental Example 19		150		100[0]		260[-30]		- -
Experimental Example 20		150		100[0]		270[-20]		- -
Experimental Example 21		150		100[0]		290[0]		- -
Experimental Example 22		150		100[0]		300[+10]		- -
Experimental Example 23		150		100[0]		310[+20]		- -
Experimental Example 24		150		100[0]		320[+30]		- -
Experimental Example 25		150		100[0]		350[+60]		- -
Experimental Example 26		150		50[-50]		300[+10]		- -
Experimental Example 27		150		70[-30]		300[+10]		- -
Experimental Example 28		150		80[-20]		300[+10]		- -
Experimental Example 29		150		110[+10]		300[+10]		- -
Experimental Example 30		150		120[+20]		300[+10]		- -
Experimental Example 31		150		130[+30]		300[+10]		- -
Experimental Example 32		150		150[+50]		300[+10]		- -
Experimental Example 33	PVC	100	PVC	100[0]	PVC	290[0]	PVC	100
Experimental Example 34	PVC	150	PVC	100[0]	PVC	290[0]	-	-
Experimental Example 35	PETG/ PC=3/7	100	PETG/ PC=3/7	100[0]	PETG/ PC=3/7	290[0]	PETG/ PC=3/7	100
Experimental Example 36	PETG/ PC=5/5	150	PETG/ PC=5/5	100[0]	PETG/ PC=5/5	150	PETG/ PC=5/5	150

FIG.10

	Sum of Heights of Sheet Through Holes A (μm)	Printing Properties	Printing Properties after Heat Resistance Test	Generation of Halogen Gas during Incineration
Experimental Example 1	390[0]	○	△	None
Experimental Example 2	350[-40]	×	×	None
Experimental Example 3	360[-30]	△	×	None
Experimental Example 4	370[-20]	○	△	None
Experimental Example 5	400[+10]	○	×	None
Experimental Example 6	410[+20]	△	×	None
Experimental Example 7	420[+30]	△	×	None
Experimental Example 8	450[+60]	×	×	None
Experimental Example 9	340[-50]	×	×	None
Experimental Example 10	360[-30]	△	×	None
Experimental Example 11	370[-20]	○	△	None
Experimental Example 12	400[+10]	○	△	None
Experimental Example 13	410[+20]	△	×	None
Experimental Example 14	420[+30]	△	×	None
Experimental Example 15	440[+50]	×	×	None
Experimental Example 16	390[0]	○	○	None
Experimental Example 17	390[0]	○	○	None
Experimental Example 18	350[-40]	×	×	None
Experimental Example 19	360[-30]	○	○	None
Experimental Example 20	370[-20]	◎	◎	None
Experimental Example 21	390[0]	◎	◎	None
Experimental Example 22	400[+10]	◎	◎	None
Experimental Example 23	410[+20]	○	○	None
Experimental Example 24	420[+30]	○	○	None
Experimental Example 25	450[+60]	×	×	None
Experimental Example 26	350[-40]	×	×	None
Experimental Example 27	370[-20]	◎	◎	None
Experimental Example 28	380[-10]	◎	◎	None
Experimental Example 29	410[+20]	○	○	None
Experimental Example 30	420[+30]	○	○	None
Experimental Example 31	430[+40]	×	×	None
Experimental Example 32	450[+60]	×	×	None
Experimental Example 33	390[0]	◎	×	Generated
Experimental Example 34	390[0]	◎	×	Generated
Experimental Example 35	390[0]	◎	◎	None
Experimental Example 36	400[+10]	◎	◎	None